



Since 1993

- ④ Solar Street Lighting
- ④ Solar Floodlight
- ④ Solar Bus Shelter

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LED *SOLAR* LIGHT



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Integrated Solar LED Street Lighting

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INTEGRATED SOLAR

LED STREET LIGHTING



Since 1993

The sun is a clean, unlimited, and dependable source of energy. With growing concerns about climate change, pollution, and energy shortages, solar power is becoming a smart and sustainable choice. When combined with LEDs, it offers a highly efficient lighting solution.

Solar street lighting is perfect for remote areas without reliable electricity. Even in cities, they help reduce reliance on the grid, support the shift to green energy and reducing carbon footprint. Their long life, low maintenance, and high reliability make them an ideal choice for today's and tomorrow's lighting needs.



**Based on latest
LED technology**



**High efficiency monocrystalline
silicon solar panel**



**Solar powered - No need for any other
power supply source or electrical cabling**



**High end extruded aluminium for LED
module heatsink and extruded aluminium
for enclosure, gives better heat dissipation
and longer life**



CERTIFIED

Safety and Performance, Luminaire, IEC 60598-2-3,

Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting.

Design, Solar Photovoltaic, (PV) Module, IEC 61215-2,

Terrestrial photovoltaic (PV) modules Design qualification and type approval Part 2: Test Procedures.

Full type tests include:

- i) ***MQT 01 Visual Inspection (including EL imaging)***
- ii) ***MQT 19.1 Initial Stabilization***
- iii) ***MQT 06.1 Performance at STC***
- iv) ***MQT 03 Insulation Test***
- v) ***MQT 15 Wet Leakage Current***
- vi) ***Sequence C - MQT 10 UV Pre-conditioning Test, 15kWh/m²***
- vii) ***Sequence E - MQT 13 Damp Heat 200 hours (deviate 1000h)***
- viii) ***MQT 19.2 Final Stabilization***
- ix) ***MQT 06.1 Performance at STC (Post Stabilization)***
- x) ***MQT 03 Insulation Test (Post Stabilization)***
- xi) ***MQT 15 Wet Leakage Current Test (Post Stabilization)***

Note: Test clause viii, ix, x, and xi are conducted after final stabilization

Safety, Rechargeable Deep Cycle Battery, IEC 62133-2,

Secondary cells and batteries containing alkaline or other non-acid electrolytes Safety requirements for portable sealed secondary lithium cells, and for batteries made from them, for use in portable applications Part 2: Lithium systems.

Performance, Rechargeable Deep Cycle Battery, IEC 62620,

Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for use in industrial applications.

Safety, Solar Charge Controller, IEC 62109-1,

Safety of power converters for use in photovoltaic power systems - Part 1: General requirements.

Photometric, Luminaire, IES LM-79,

Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products.

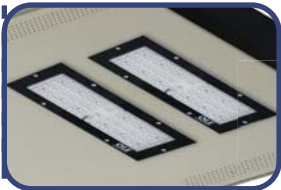


NEP LED Module High Efficiency LED Chip

High Power LED Chip 5050

* Compliance with IES LM-79

Lumen Efficacy	: 185 - 200 lm/W
Casing material	: Extrusion Aluminium
Lens material	: PMMA (Poly Methyl Methacrylate) & Polycarbonate



DURA LED Module High Efficiency LED Chip

High Power LED Chip 5050

* Compliance with IES LM-79

Lumen Efficacy	: 170 - 190 lm/W
Casing material	: Die-Cast Aluminium ADC12
Lens material	: PMMA (Poly Methyl Methacrylate)
Tempered Glass	: Impact Protection IK09
Ingress Protection	: IP66



NEP LED Module - LED IP67 Modular Optical System

Aluminium Extrusion High Thermal Conductivity

Quickly transfers heat from LED and into the heat sink. It prolongs LED life span.



DURA LED Module - LED IP66 Modular Optical System

Aluminium Extrusion High Thermal Conductivity

Quickly transfers heat from LED and into the heat sink. It prolongs LED life span.



Monocrystalline Silicon Solar Panel

High quality with
Excellent Efficiency (>19%)

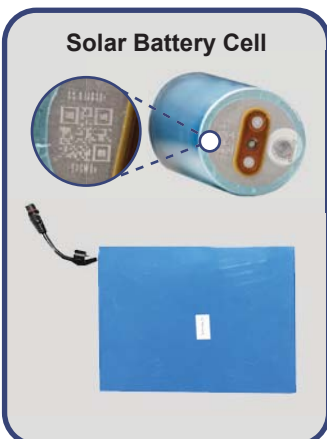
* Compliance with IEC 61215-2



Timer On/Off Feature

JKC-F model

Optional Supporting Bracket for Full Power Type



Solar Battery Cell

Lithium Iron Phosphate (LiFePO4) Battery

- OEM Grade A battery cells.
- Each battery is equipped with a unique QR code to ensure easy traceability.
- Tested for 500 cycles with >90% capacity retention
- Over 2,500 charge cycles with >80% capacity retention
- The battery has a lifespan of 5 years.

* Compliance with IEC 62133-2 & IEC 62620



Solar Charge Controller

* Compliance with IEC 62109-1

IP68 Waterproof Connector



Solar Lantern Pole Accessories

Support Bracket
(Optional)



Set screws/ Custom-made
anti theft screws

Spigot

Spigot

- Optional support bracket available for enhanced stability
- Secured to the lantern bracket using set screws; Optional custom-made OLE anti theft screws available for enhanced security



Anti-Climb Spikes (optional)

- Features spiked collars specifically designed to enhance security by preventing unauthorized climbing



Hot Dip Galvanized Pole

Specification:

- Constructed from high-quality S275JR steel
- Durable epoxy powder coating for enhanced protection
- Rust-resistant for long-term outdoor use
- Engineered to withstand wind speeds exceeding 126 km/h



Gusset

Flange Plate

Flange Design

Gusset:

- Connects and reinforces joints in steel structures, ensuring overall structural integrity.

Flange Plate:

- Serves as the interface between the pole and foundation, securely anchoring the structure to the ground.
- Features four strengthening ribs to enhance stability and make the pole structurally stronger.

GROUND



Lock Nut

Washer

Levelling nut

J-Bolt

Installation & Packaging:

- Secured with J-bolts and two additional nuts for enhanced stability
- Includes protective plastic sleeves for safe shipping
- Detachable design allows for efficient container space-saving during transport

REMOTE CONTROL

Remote Device function as:

- Control light switch
- Adjust light brightness
- Set light working mode
- View and record data/ information:
 - Charge and discharge (Energy and/ or Current and Voltage)
 - State of Charge (SOC) of the battery



Technical Parameters:

Power supply battery	no. 5 (AA) x 2
Power supply voltage	3.0V
Effective distance	8m (infrared remote control), 15m (wireless remote control)
Sleep power consumption	<0.2uA
Normal power consumption	5mA
Transmitting instantaneous power consumption	<50mA
Backlight power consumption	<15mA
Product dimensions	122mm x 60.5mm x 22mm (L x W x H)
Package dimensions	139mm x 77mm x 44mm (L x W x H)
Weight	60g (without battery)
Automatic power - off time	65 seconds
2000mAH battery setting quantity	30000
Ambient temperature	-25°C ~ 55°C





IP66

DIMMING
FUNCTIONIEC
60598-2-3

JKC-K-60W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Mounting Recommendation

Height : 6 - 8M
Distance : 20 - 30M

Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

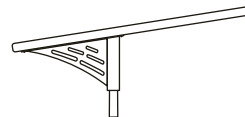
Product Size : 1800*410*60MM (Luminaire)
(Type A & Type B) : 785*167*247MM (Bracket)
Packing Size : 1860*475*115MM (Luminaire)
(Type A & Type B) : 800*180*300MM (Bracket)

Net Weight

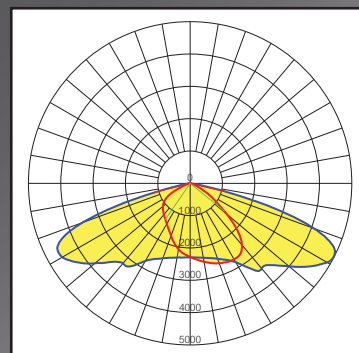
Luminaire : 25KG (Type A) / 22.6KG (Type B)
Bracket : 12KG (Type A & Type B)
Gross Weight
Luminaire : 27.3KG (Type A) / 24.9KG (Type B)
Bracket : 12.6KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 36V 135W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 75AH (Type A)
25.6V 60AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 60W
LED Chip : Lumileds 5050
Chip Quantity : 28 PCS
System Efficacy : Typical 175 lm/W - 200 lm/W
Total Lumen : Typical 10,500 lm - 12,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°)

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 3000K - 6500K

IP66

DIMMING
FUNCTIONIEC
60598-2-3
 SIRIM

 MALAYSIA
MADE IN MALAYSIA

JKC-K-80W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Mounting Recommendation

Height : 7 - 8M
Distance : 23 - 30M

Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

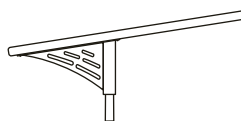
Product Size : 1800*410*60MM (Luminaire)
(Type A & Type B) : 785*167*247MM (Bracket)
Packing Size : 1860*475*115MM (Luminaire)
(Type A & Type B) : 800*180*300MM (Bracket)

Net Weight

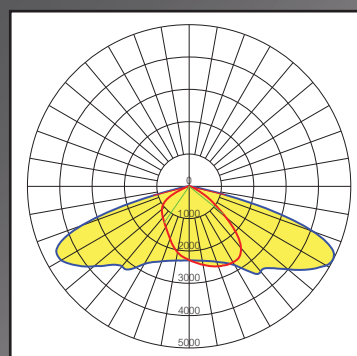
Luminaire : 27.4KG (Type A) / 22.6KG (Type B)
Bracket : 12.0KG (Type A & Type B)
Gross Weight : 29.7KG (Type A) / 24.9KG (Type B)
Bracket : 12.6KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 36V 135W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 90AH (Type A)
25.6V 60AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 80W
LED Chip : Lumileds 5050
Chip Quantity : 56 PCS
System Efficacy : Typical 175 lm/W - 200lm/W
Total Lumen : Typical 14,000 lm - 16,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°)

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 3000K - 6500K



IP66

DIMMING
FUNCTIONIEC
60598-2-3

JKC-K-100W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Mounting Recommendation

Height : 8 - 10M
Distance : 23 - 30M

Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1930*600*60MM (Luminaire)
(Type A & Type B) : 810*240*247MM (Bracket)
Packing Size : 1980*660*115MM (Luminaire)
(Type A & Type B) : 830*270*300MM (Bracket)

Net Weight

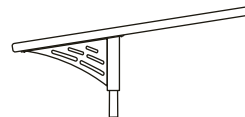
Luminaire : 38.6KG (Type A) / 33.8KG (Type B)
Bracket : 15.3KG (Type A & Type B)

Gross Weight

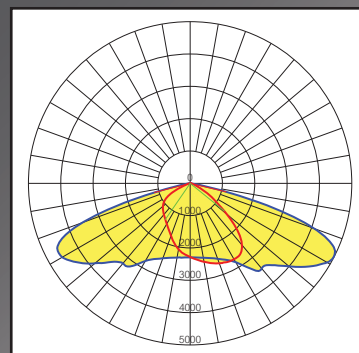
Luminaire : 41.4KG (Type A) / 36.3KG (Type B)
Bracket : 16.5KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 36V 210W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 120AH (Type A)
25.6V 90AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 100W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 175 lm/W - 200 lm/W
Total Lumen : Typical 17,500 lm - 20,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°)

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 3000K - 6500K



IP66

DIMMING
FUNCTIONIEC
60598-2-3

JKC-K-120W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Mounting Recommendation

Height : 8 - 12M
Distance : 23 - 30M

Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

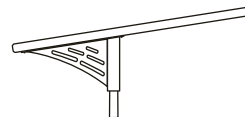
Product Size : 1930*600*60MM (Luminaire)
(Type A & Type B) : 810*240*247MM (Bracket)
Packing Size : 1980*660*115MM (Luminaire)
(Type A & Type B) : 830*270*300MM (Bracket)

Net Weight

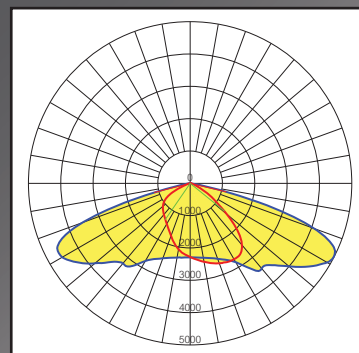
Luminaire : 41.0KG (Type A) / 33.8KG (Type B)
Bracket : 15.3KG (Type A & Type B)
Gross Weight : 43.6KG (Type A) / 36.3KG (Type B)
Bracket : 16.5KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 36V 210W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 135AH (Type A)
25.6V 90AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 120W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 175 lm/W - 200 lm/W
Total Lumen : Typical 21,000 lm - 24,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°)

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 3000K - 6500K



IP66

DIMMING
FUNCTIONIEC
60598-2-3

JKC-K-150W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Mounting Recommendation

Height : 9 - 12M
Distance : 30 - 35M

Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

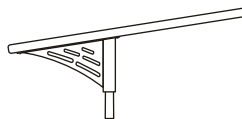
Product Size : 1765*970*60MM (Luminaire)
(Type A & Type B) : 900*280*247MM (Bracket)
Packing Size : 1830*1050*115MM (Luminaire)
(Type A & Type B) : 925*300*265MM (Bracket)

Net Weight

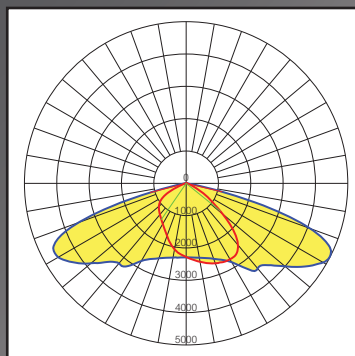
Luminaire : 62.2KG (Type A) / 52.5KG (Type B)
Bracket : 21.5KG (Type A & Type B)
Gross Weight : 66.0KG (Type A) / 56.3KG (Type B)
Bracket : 22.5KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 36V 320W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 180AH (Type A)
25.6V 120AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 150W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 175 lm/W - 200 lm/W
Total Lumen : Typical 26,500 lm - 30,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°)

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 3000K - 6500K

JKC-K-180W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Mounting Recommendation

Height : 9 - 12M
Distance : 30 - 40M

Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

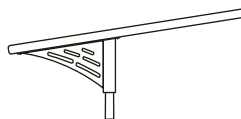
Product Size : 1765*970*60MM (Luminaire)
(Type A & Type B) : 900*280*247MM (Bracket)
Packing Size : 1830*1050*115MM (Luminaire)
(Type A & Type B) : 925*300*265MM (Bracket)

Net Weight

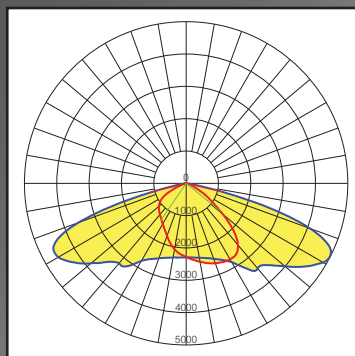
Luminaire : 67.0KG (Type A) / 54.9KG (Type B)
Bracket : 21.5KG (Type A & Type B)
Gross Weight
Luminaire : 70.8KG (Type A) / 58.7KG (Type B)
Bracket : 22.5KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 36V 320W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 210AH (Type A)
25.6V 135AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 180W
LED Chip : Lumileds 5050
Chip Quantity : 96 PCS
System Efficacy : Typical 175 lm/W - 200 lm/W
Total Lumen : Typical 31,500 lm - 36,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°)

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 3000K - 6500K

JKC-F-60W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Mounting Recommendation

Height : 7 - 8M
Distance : 22 - 30M

Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

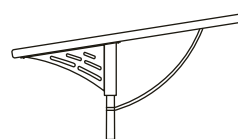
Product Size : 1930*600*60MM (Luminaire)
(Type A & Type B) : 810*280*250MM (Bracket)
Packing Size : 1980*660*115MM (Luminaire)
(Type A & Type B) : 830*300*270MM (Bracket)

Net Weight

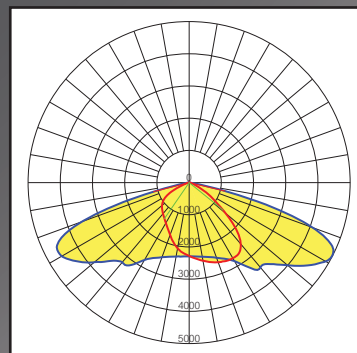
Luminaire : 33.8KG (Type A) / 28.9KG (Type B)
Bracket : 15.3KG (Type A & Type B)
Gross Weight
Luminaire : 36.3KG (Type A) / 31.5KG (Type B)
Bracket : 16.5KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 210W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 90AH (Type A)
25.6V 60AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 60W
LED Chip : Lumileds 5050
Chip Quantity : 28 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 10,200 lm - 12,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°)

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 3000K - 6500K

JKC-F-80W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Mounting Recommendation

Height : 7 - 8M
Distance : 23 - 34M

Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

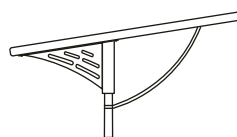
Packing & Weight

Product Size : 1930*600*60MM (Luminaire)
(Type A & Type B) : 810*280*250MM (Bracket)
Packing Size : 1980*660*115MM (Luminaire)
(Type A & Type B) : 830*300*270MM (Bracket)

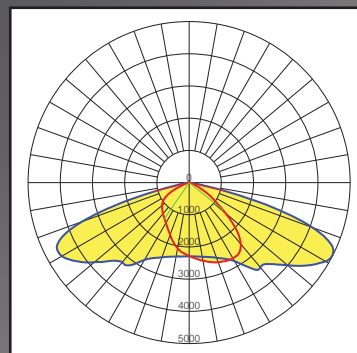
Net Weight
Luminaire : 43.4KG (Type A) / 33.8KG (Type B)
Bracket : 15.3KG (Type A & Type B)
Gross Weight
Luminaire : 46.0KG (Type A) / 36.3KG (Type B)
Bracket : 16.5KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 36V 210W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 150AH (Type A)
25.6V 90AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 80W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 13,600 lm - 16,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°)

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 3000K - 6500K

JKC-F-100W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Mounting Recommendation

Height : 8 - 10M
Distance : 23 - 34M

Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

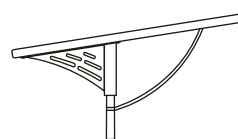
Product Size : 1765*970*60MM (Luminaire)
(Type A & Type B) : 900*280*247MM (Bracket)
Packing Size : 1830*1050*115MM (Luminaire)
(Type A & Type B) : 925*300*265MM (Bracket)

Net Weight

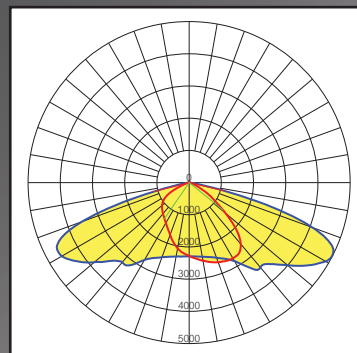
Luminaire : 65.2KG (Type A) / 52.5KG (Type B)
Bracket : 21.5KG (Type A & Type B)
Gross Weight
Luminaire : 66KG (Type A) / 56.3KG (Type B)
Bracket : 22.5KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 320W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 180AH (Type A)
25.6V 120AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 100W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 17,000 lm - 20,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°)

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 3000K - 6500K



IP66

FULL
BRIGHTNESSTIMER
ON/OFFIEC
60598-2-3

JKC-F-120W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Mounting Recommendation

Height : 9 - 12M
Distance : 23 - 34M

Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1765*970*60MM (Luminaire)
(Type A & Type B) : 920*280*247MM (Bracket)
Packing Size : 1830*1050*115MM (Luminaire)
(Type A & Type B) : 925*300*235MM (Bracket)

Net Weight

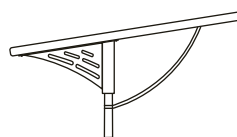
Luminaire : 67.0KG (Type A) / 57.3KG (Type B)
Bracket : 21.5KG (Type A & Type B)

Gross Weight

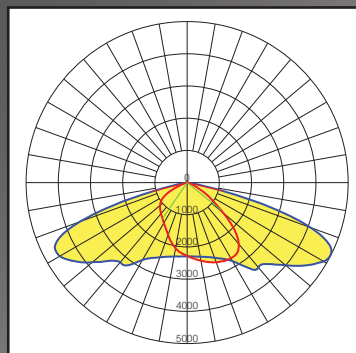
Luminaire : 70.8KG (Type A) / 61.1KG (Type B)
Bracket : 22.5KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 36V 320W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 210AH (Type A)
25.6V 150AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 120W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 20,400 lm - 24,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°)

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 3000K - 6500K



IP66

FULL
BRIGHTNESSTIMER
ON/OFFIEC
60598-2-3

JKC-F-150W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Mounting Recommendation

Height : 9 - 12M
Distance : 35 - 38M

Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 2155*970*60MM (Luminaire)
(Type A & Type B) : 900*280*247MM (Bracket)
Packing Size : 2205*1030*115MM (Luminaire)
(Type A & Type B) : 925*300*265MM (Bracket)

Net Weight

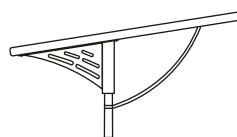
Luminaire : 85KG (Type A) / 70.5KG (Type B)
Bracket : 21.5KG (Type A & Type B)

Gross Weight

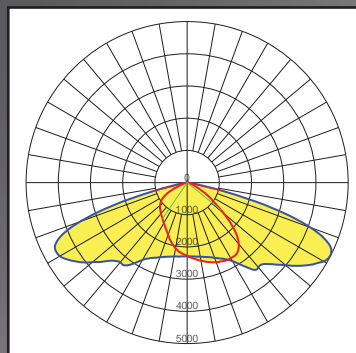
Luminaire : 89.6KG (Type A) / 75.1KG (Type B)
Bracket : 22.5KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 36V 400W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 270AH (Type A)
25.6V 180AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 150W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 25,500 lm - 30,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°)

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -30°C ~ +70°C

Colour Temperature

Range : 3000K - 6500K

IP66

FULL
BRIGHTNESSTIMER
ON/OFF

JKC-F-180W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Mounting Recommendation

Height : 9 - 12M
Distance : 35 - 38M

Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 2149*1159*60MM (Luminaire)
(Type A & Type B) : 920*360*247MM (Bracket)
Packing Size : 2199*1219*115MM (Luminaire)
(Type A & Type B) : 1175*465*300MM (Bracket)

Net Weight

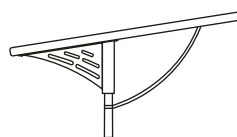
Luminaire : 90KG (Type A) / 73.3KG (Type B)
Bracket : 37.3KG (Type A & Type B)

Gross Weight

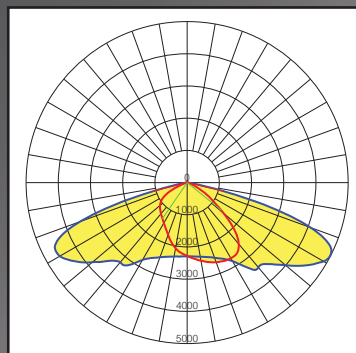
Luminaire : 94.5KG (Type A) / 77.8KG (Type B)
Bracket : 38.7KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 480W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 315AH (Type A)
25.6V 210AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 180W
LED Chip : Lumileds 5050
Chip Quantity : 96 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 30,600 lm - 36,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°)

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -30°C ~ +70°C

Colour Temperature

Range : 3000K - 6500K



NEP LED Module High Efficiency LED Chip High Power LED Chip 5050

* Compliance with IES LM-79

Lumen Efficacy	: 185 - 200 lm/W
Casing material	: Extrusion Aluminium
Lens material	: PMMA (Poly Methyl Methacrylate) & Polycarbonate



DURA LED Module High Efficiency LED Chip High Power LED Chip 5050

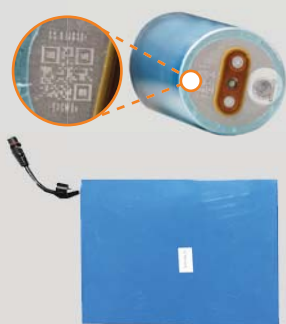
* Compliance with IES LM-79

Lumen Efficacy	: 170 - 190 lm/W
Casing material	: Die-Cast Aluminium ADC12
Lens material	: PMMA (Poly Methyl Methacrylate)
Tempered Glass	: Impact Protection IK09
Ingress Protection	: IP66

Adjustable LED Module Angle



Solar Battery Cell



Lithium Iron Phosphate (LiFePO4) Battery

- OEM Grade A battery cells.
- Each battery is equipped with a unique QR code to ensure easy traceability.
- Tested for 500 cycles with >90% capacity retention
- Over 2,500 charge cycles with capacity retention >80%
- The battery has a lifespan of 5 years.

* Compliance with IEC 62133-2 & IEC 62620

NEP LED Module - LED IP67 Modular Optical System

Aluminium Extrusion High Thermal Conductivity

Quickly transfers heat from LED and into the heat sink. It prolongs LED life span.



DURA LED Module - LED IP66 Modular Optical System

Aluminium Extrusion High Thermal Conductivity

Quickly transfers heat from LED and into the heat sink. It prolongs LED life span.



Monocrystalline Silicon Solar Panel

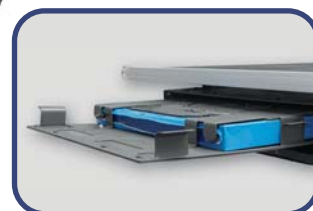
High quality with Excellent Efficiency (>19%)

* Compliance with IEC 61215-2



Solar Charge Controller

* Compliance with IEC 62109-1



Easy Removable Battery

IP68 Waterproof Connector



JKC-A-40W Integrated Solar LED Floodlight/ Street Light

(2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

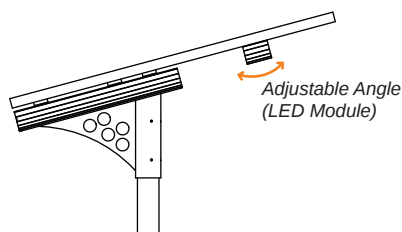
Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size	: 900*410*125MM (Luminaire)
	: 640*167*247MM (Bracket)
Packing Size	: 980*490*225MM (Luminaire)
	: 660*187*267MM (Bracket)
Net Weight	: 31.3KG (Luminaire)
	: 3.4KG (Bracket)
Gross Weight	: 33.8KG (Luminaire)
	: 3.9KG (Bracket)

Mounting Bracket Type



Solar Panel

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 36V 70W (Type B)
Lifetime	: 25 Years

Battery

Type	: LiFePO4 Battery
Rating	: 25.6V 30AH
Lifetime	: 5 Years

LED Lamp

Max Power	: 40W
LED Chip	: Lumileds 5050
Chip Quantity	: 28 PCS
System Efficacy	: Typical 175 lm/W - 200 lm/W
Total Lumen	: Typical 7,000 lm - 8000 lm
Lifetime	: 50,000 Hours
Light Distribution Type	: Type II (150° x 60°) / 30°/ 60°/ 90°

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

2 Cloud / Rainy Days / 24 hours

Working Temperature

Range : -25°C ~ +65°C

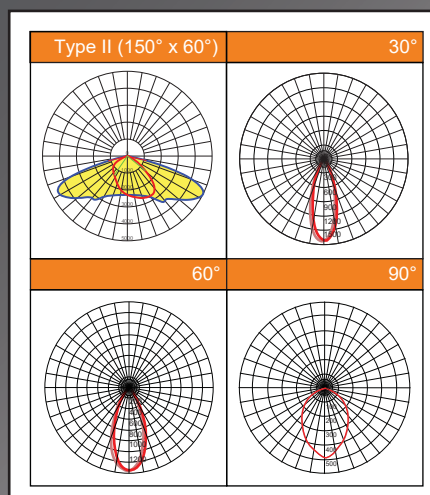
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height	: 4 - 6M
Distance	: 16 - 25M

Light Distribution Curve



* Size and weight may have a tolerance of +-10%

JKC-A-60W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1800*410*125MM (Luminaire)
(Type A & Type B) : 640*167*247MM (Bracket)
Packing Size : 1880*490*225MM (Luminaire)
(Type A & Type B) : 1759*187*267MM (Bracket)

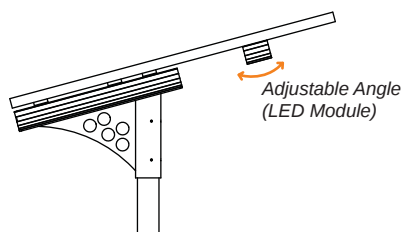
Net Weight

Luminaire : 43KG (Type A) / 40.6KG (Type B)
Bracket : 3.4KG (Type A & Type B)

Gross Weight

Luminaire : 45.5KG (Type A) / 43.1KG (Type B)
Bracket : 4.1KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 135W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 75AH (Type A)
25.6V 60AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 60W
LED Chip : Lumileds 5050
Chip Quantity : 28 PCS
System Efficacy : Typical 175 lm/W - 200 lm/W
Total Lumen : Typical 10,500 lm - 12,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°) / 30° / 60° / 90°

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

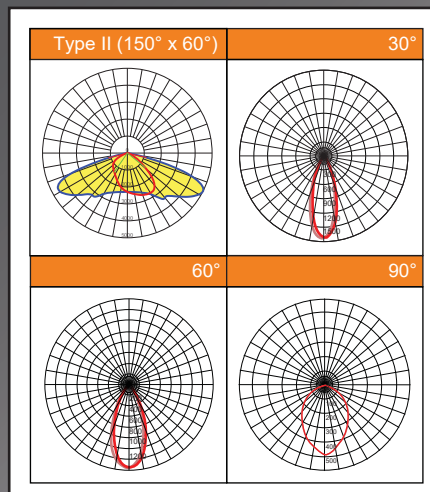
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 6 - 8M
Distance : 23 - 30M

Light Distribution Curve



JKC-A-80W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1800*410*125MM (Luminaire)
(Type A & Type B) : 705*240*247MM (Bracket)
Packing Size : 1880*490*225MM (Luminaire)
(Type A & Type B) : 1759*260*267MM (Bracket)

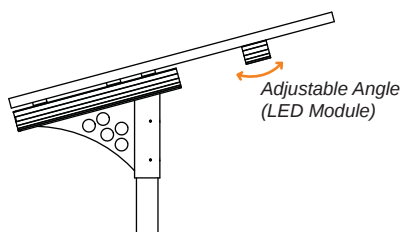
Net Weight

Luminaire : 45.4KG (Type A) / 40.6KG (Type B)
Bracket : 4.0KG (Type A & Type B)

Gross Weight

Luminaire : 47.9KG (Type A) / 43.1KG (Type B)
Bracket : 4.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 135W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 90AH (Type A)
25.6V 60AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 80W
LED Chip : Lumileds 5050
Chip Quantity : 56 PCS
System Efficacy : Typical 175 lm/W - 200 lm/W
Total Lumen : Typical 14,000 lm - 16,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°) / 30° / 60° / 90°

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

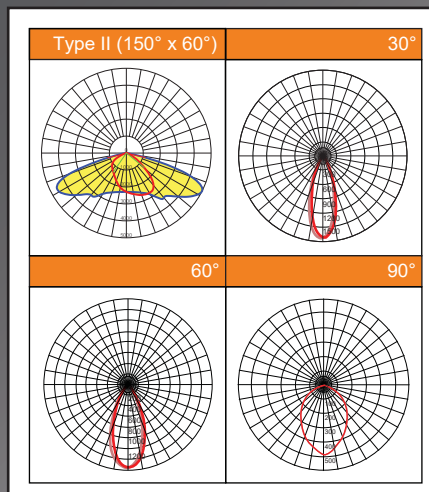
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 8 - 10M
Distance : 23 - 30M

Light Distribution Curve



JKC-A-100W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1930*600*125MM (Luminaire)
(Type A & Type B) : 846*400*120.5MM (Bracket)
Packing Size : 2010*680*225MM (Luminaire)
(Type A & Type B) : 1759*410*170MM (Bracket)

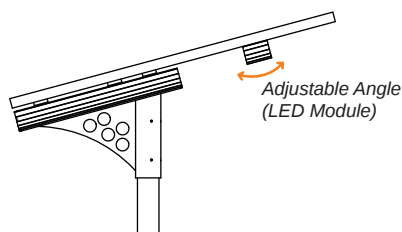
Net Weight

Luminaire : 67.6KG (Type A) / 62.8KG (Type B)
Bracket : 5.0KG (Type A & Type B)

Gross Weight

Luminaire : 70.1KG (Type A) / 65.3KG (Type B)
Bracket : 5.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 210W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 120AH (Type A)
25.6V 90AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 100W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 17,000 lm - 20,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°) / 30° / 60° / 90°

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

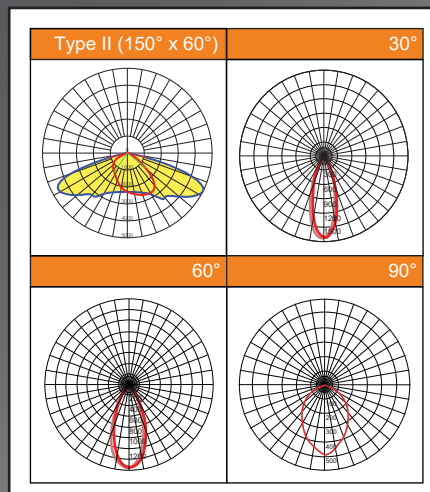
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 9 - 12M
Distance : 23 - 34M

Light Distribution Curve



JKC-A-120W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1930*600*125MM (Luminaire)
(Type A & Type B) : 846*650*120.5MM (Bracket)
Packing Size : 2010*680*225MM (Luminaire)
(Type A & Type B) : 1759*770*170MM (Bracket)

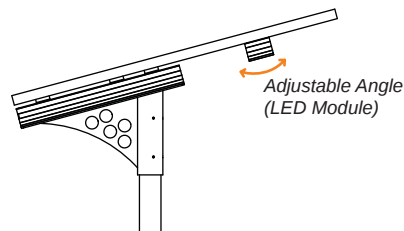
Net Weight

Luminaire : 70KG (Type A) / 62.8KG (Type B)
Bracket : 5.0KG (Type A & Type B)

Gross Weight

Luminaire : 72.5KG (Type A) / 65.3KG (Type B)
Bracket : 5.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 210W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 135AH (Type A)
25.6V 90AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 120W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 175 lm/W - 200 lm/W
Total Lumen : Typical 21,000 lm - 24,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°) / 30° / 60° / 90°

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -30°C ~ +70°C

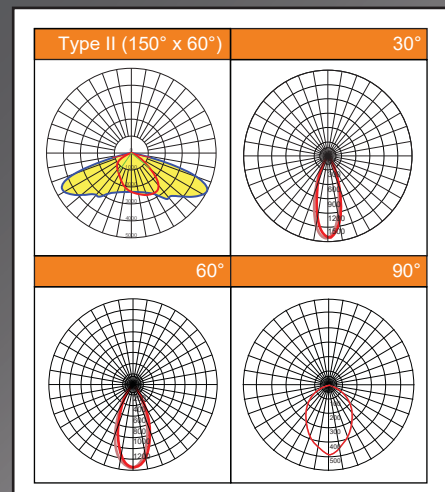
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 9 - 12M
Distance : 30 - 38M

Light Distribution Curve



JKC-A-150W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1755*970*125MM (Luminaire)
(Type A & Type B) : 846*650*120.5MM (Bracket)
Packing Size : 1835*1050*225MM (Luminaire)
(Type A & Type B) : 1759*660*170MM (Bracket)

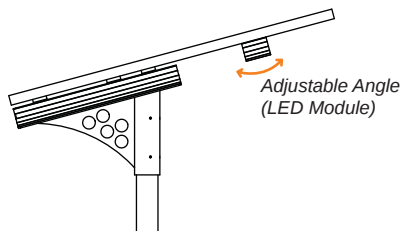
Net Weight

Luminaire : 99.9KG (Type A) / 85.5KG (Type B)
Bracket : 6.0KG (Type A & Type B)

Gross Weight

Luminaire : 102.4KG (Type A) / 88.0KG (Type B)
Bracket : 6.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 310W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 180AH (Type A)
25.6V 120AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 150W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 175 lm/W - 200 lm/W
Total Lumen : Typical 26,250 lm - 30,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°) / 30°/ 60°/ 90°

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -30°C ~ +70°C

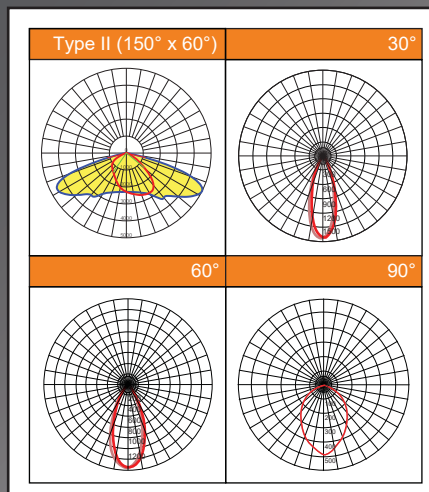
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 9 - 12M
Distance : 35 - 40M

Light Distribution Curve





IP66

FULL
BRIGHTNESS

JKC-AF-40W Integrated Solar LED Floodlight/ Street Light

(2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

12H 100%

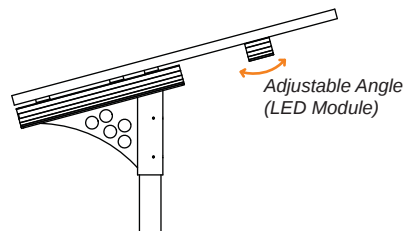
Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size	: 1800*410*125MM (Luminaire)
	: 640*167*247MM (Bracket)
Packing Size	: 1880*490*225MM (Luminaire)
	: 1040*277*342MM (Bracket)
Net Weight	: 37.2KG (Luminaire)
	: 3.4KG (Bracket)
Gross Weight	: 39.7KG (Luminaire)
	: 4.1KG (Bracket)

Mounting Bracket Type



Solar Panel

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 36V 110W (Type B)
Lifetime	: 25 Years

Battery

Type	: LiFePO4 Battery
Rating	: 25.6V 45AH
Lifetime	: 5 Years

LED Lamp

Max Power	: 40W
LED Chip	: Lumileds 5050
Chip Quantity	: 28 PCS
System Efficacy	: Typical 170 lm/W - 200 lm/W
Total Lumen	: Typical 6,800 lm - 8,000 lm
Lifetime	: 50,000 Hours
Light Distribution Type	: Type II (150° x 60°) / 30° / 60° / 90°

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

2 Cloud / Rainy Days / 24 hours

Working Temperature

Range : -25°C ~ +65°C

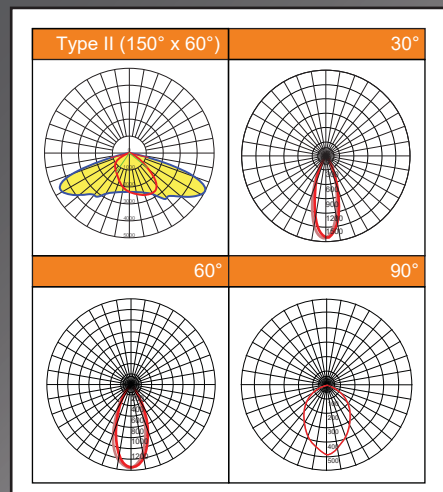
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height	: 4 - 6M
Distance	: 16 - 25M

Light Distribution Curve



* Size and weight may have a tolerance of +/-10%

JKC-AF-60W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1930*600*125MM (Luminaire)
(Type A & Type B) : 640*167*247MM (Bracket)
Packing Size : 2010*680*225MM (Luminaire)
(Type A & Type B) : 1040*277*342MM (Bracket)

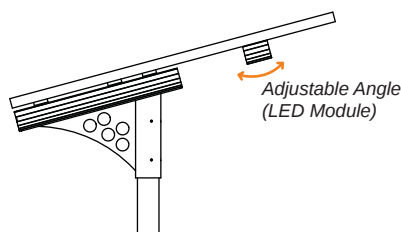
Net Weight

Luminaire : 61.3KG (Type A) / 56.5KG (Type B)
Bracket : 3.4KG (Type A & Type B)

Gross Weight

Luminaire : 73.4KG (Type A) / 63.8KG (Type B)
Bracket : 4.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 210W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 90AH (Type A)
25.6V 60AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 60W
LED Chip : Lumileds 5050
Chip Quantity : 28 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 10,200 lm - 12,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°) / 30° / 60° / 90°

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

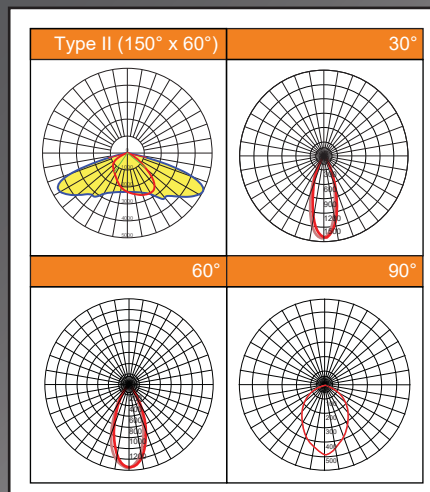
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 7 - 8M
Distance : 23 - 34M

Light Distribution Curve



JKC-AF-80W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1930*600*125MM (Luminaire)
 (Type A & Type B) : 640*167*247MM (Bracket)
 Packing Size : 2010*680*225MM (Luminaire)
 (Type A & Type B) : 1040*277*342MM (Bracket)

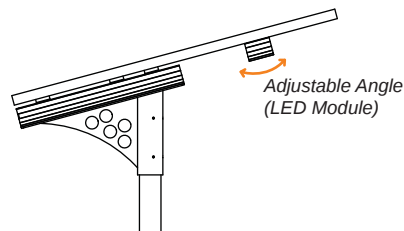
Net Weight

Luminaire : 70.9KG (Type A) / 61.3KG (Type B)
 Bracket : 4.0KG (Type A & Type B)

Gross Weight

Luminaire : 73.4KG (Type A) / 63.8KG (Type B)
 Bracket : 4.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
 Max Power : 36V 210W (Type A & Type B)
 Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
 Rating : 25.6V 150AH (Type A)
 25.6V 90AH (Type B)
 Lifetime : 5 Years

LED Lamp

Max Power : 80W
 LED Chip : Lumileds 5050
 Chip Quantity : 48 PCS
 System Efficacy : Typical 170 lm/W - 200 lm/W
 Total Lumen : Typical 13,600 lm - 16,000 lm
 Lifetime : 50,000 Hours
 Light Distribution Type : Type II (150° x 60°) / 30° / 60° / 90°

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
 2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

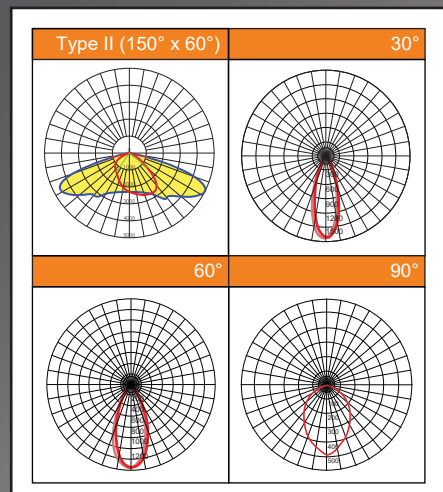
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 8 - 10M
 Distance : 23 - 34M

Light Distribution Curve



* Size and weight may have a tolerance of +/-10%

JKC-AF-100W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1755*970*125MM (Luminaire)
(Type A & Type B) : 640*167*247MM (Bracket)
Packing Size : 1835*1050*225MM (Luminaire)
(Type A & Type B) : 1040*277*342MM (Bracket)

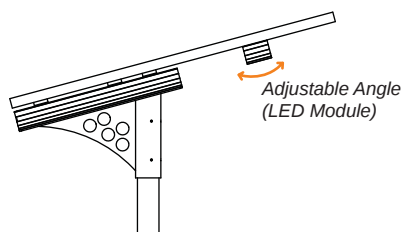
Net Weight

Luminaire : 97.11KG (Type A) / 88.11KG (Type B)
Bracket : 4.17KG (Type A & Type B)

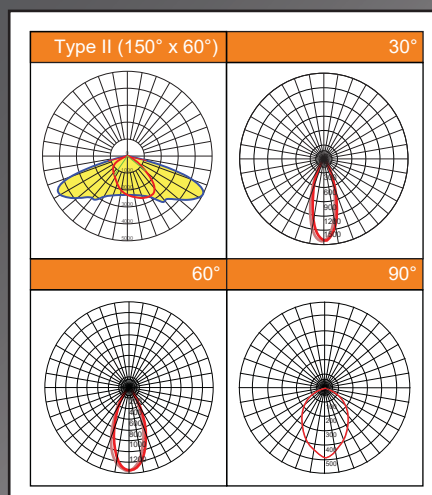
Gross Weight

Luminaire : 100.21KG (Type A) / 90.61KG (Type B)
Bracket : 4.87KG (Type A & Type B)

Mounting Bracket Type



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 320W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 180AH (Type A)
25.6V 120AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 100W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 17,000 lm - 20,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°) / 30° / 60° / 90°

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 9 - 12M
Distance : 23 - 34M



IP66

FULL
BRIGHTNESS

JKC-AF-120W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1755*970*125MM (Luminaire)
 (Type A & Type B) : 640*167*247MM (Bracket)
 Packing Size : 1835*1330*225MM (Luminaire)
 (Type A & Type B) : 1040*277*342MM (Bracket)

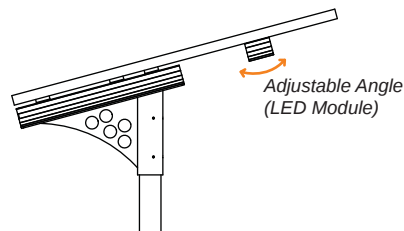
Net Weight

Luminaire : 102.51KG (Type A) / 83.31KG (Type B)
 Bracket : 6.0KG (Type A & Type B)

Gross Weight

Luminaire : 105.01KG (Type A) / 85.81KG (Type B)
 Bracket : 6.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
 Max Power : 36V 320W (Type A & Type B)
 Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
 Rating : 25.6V 210AH (Type A)
 25.6V 150AH (Type B)
 Lifetime : 5 Years

LED Lamp

Max Power : 120W
 LED Chip : Lumileds 5050
 Chip Quantity : 48 PCS
 System Efficacy : Typical 170 lm/W - 200 lm/W
 Total Lumen : Typical 20,400 lm - 24,000 lm
 Lifetime : 50,000 Hours
 Light Distribution Type : Type II (150° x 60°) / 30° / 60° / 90°

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
 2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -30°C ~ +70°C

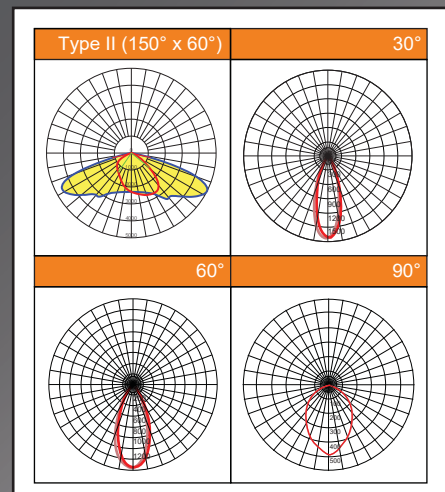
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 9 - 12M
 Distance : 30 - 38M

Light Distribution Curve



* Size and weight may have a tolerance of +/-10%

JKC-AF-150W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1755*970*125MM (Luminaire)
(Type A & Type B) : 640*167*247MM (Bracket)
Packing Size : 1835*1050*225MM (Luminaire)
(Type A & Type B) : 1040*277*342MM (Bracket)

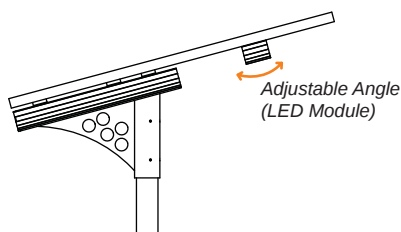
Net Weight

Luminaire : 112.11KG (Type A) / 113.91KG (Type B)
Bracket : 6.0KG (Type A & Type B)

Gross Weight

Luminaire : 114.61KG (Type A) / 114.61KG (Type B)
Bracket : 6.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 400W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 270AH (Type A)
25.6V 180AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 150W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 25,500 lm - 30,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : Type II (150° x 60°) / 30° / 60° / 90°

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -30°C ~ +70°C

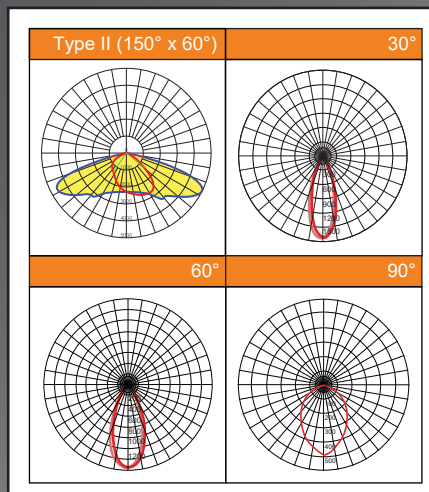
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 9 - 12M
Distance : 35 - 40M

Light Distribution Curve



JKC-FX-40W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Motion Sensor Setting

Dimming can be done by dimming schedule or by motion sensor.

Dimming Schedule Mode:

3h at 100% brightness
2h at 80% brightness
7h at 30% brightness

Motion Sensor Mode:

Sensing - 100% brightness
Idle Time - 60 seconds
Standb mode: 25% brightness

Wire Connector

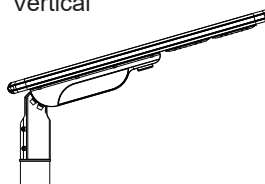
IP68 Waterproof Connector

Packing & Weight

Product Size	: 848*385*108MM (Luminaire)
	: 560*310*125MM (Bracket Axle)
Packing Size	: 905*435*160MM (Luminaire)
	: 620*370*140MM (Bracket Axle)
Net Weight	: 10KG (Luminaire)
	: 5.4KG (Bracket Axle)
Gross Weight	: 11.5KG (Luminaire)
	: 6.1KG (Bracket Axle)

Mounting Bracket Type

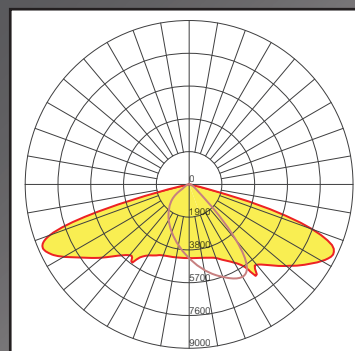
Vertical



Horizontal



Light Distribution Curve



Solar Panel

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 18V 65W
Lifetime	: 25 Years

Battery

Type	: LiFePO4 Battery
Rating	: 12.8V 15AH
Lifetime	: 5 Years

LED Lamp

Max Power	: 40W
LED Chip	: Bridgelux 3030
Chip Quantity	: 96 PCS
System Efficacy	: 170 lm/W
Total Lumen	: 6,800 lm
Lifetime	: 50,000 Hours
Light Distribution Type	: 140° x 70°

Ingress Protection

IP65 Optical Compartment

Charge Time

By Sun	: 8 Hours
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Discharge Time

Full Power	: > 15 hours
Half Power	: > 30 hours

Working Temperature

Range	: -25°C ~ +65°C
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Colour Temperature

Range	: 2700K - 6500K
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Mounting Recommendation

Height	: 4 - 7M
Distance	: 13 - 23M

* Size and weight may have a tolerance of +/-10%

JKC-FX-60W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Motion Sensor Setting

Dimming can be done by dimming schedule or by motion sensor.

Dimming Schedule Mode:

3h at 100% brightness
2h at 80% brightness
7h at 30% brightness

Motion Sensor Mode:

Sensing - 100% brightness
Idle Time - 60 seconds
Standb mode: 25% brightness

Wire Connector

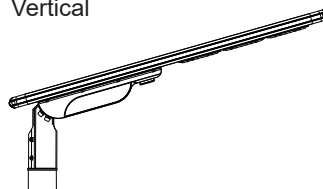
IP68 Waterproof Connector

Packing & Weight

Product Size : 1548*385*68MM (Luminaire)
: 560*310*125MM (Bracket Axle)
Packing Size : 1605*435*160MM (Luminaire)
: 620*370*140MM (Bracket Axle)
Net Weight : 17.0KG (Luminaire)
: 6.5KG (Bracket Axle)
Gross Weight : 18.3KG (Luminaire)
: 7.2KG (Bracket Axle)

Mounting Bracket Type

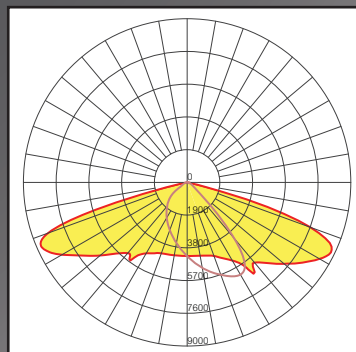
Vertical



Horizontal



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 18V 80W
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 12.8V 45AH
Lifetime : 5 Years

LED Lamp

Max Power : 60W
LED Chip : Bridgelux 3030
Chip Quantity : 144 PCS
System Efficacy : 170 lm/W
Total Lumen : 10,200 lm
Lifetime : 50,000 Hours
Light Distribution Type : 140° x 70°

Ingress Protection

IP65 Optical Compartment

Charge Time

By Sun : 8 Hours

Discharge Time

Full Power : > 15 hours
Half Power : > 30 hours

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 2700K - 6500K

Mounting Recommendation

Height : 5 - 7M
Distance : 21 - 24M

* Size and weight may have a tolerance of +/-10%

JKC-FX-80W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Motion Sensor Setting

Dimming can be done by dimming schedule or by motion sensor.

Dimming Schedule Mode:

3h at 100% brightness
2h at 80% brightness
7h at 30% brightness

Motion Sensor Mode:

Sensing - 100% brightness
Idle Time - 60 seconds
Standb mode: 25% brightness

Wire Connector

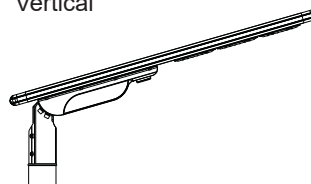
IP68 Waterproof Connector

Packing & Weight

Product Size : 1548*385*108MM (Luminaire)
: 560*310*125MM (Bracket Axle)
Packing Size : 1605*435*160MM (Luminaire)
: 620*370*140MM (Bracket Axle)
Net Weight : 17KG (Luminaire)
: 6.5KG (Bracket Axle)
Gross Weight : 18.3KG (Luminaire)
: 7.2KG (Bracket Axle)

Mounting Bracket Type

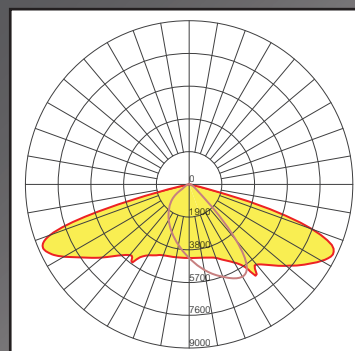
Vertical



Horizontal



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 18V 95W
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 12.8V 45AH
Lifetime : 5 Years

LED Lamp

Max Power : 80W
LED Chip : Bridgelux 3030
Chip Quantity : 144 PCS
System Efficacy : 170 lm/W
Total Lumen : 13,600 lm
Lifetime : 50,000 Hours
Light Distribution Type : 140° x 70°

Ingress Protection

IP65 Optical Compartment

Charge Time

By Sun : 8 Hours

Discharge Time

Full Power : > 15 hours
Half Power : > 30 hours

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 2700K - 6500K

Mounting Recommendation

Height : 5 - 8M
Distance : 17 - 27M

JKC-FX-100W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Motion Sensor Setting

Dimming can be done by dimming schedule or by motion sensor.

Dimming Schedule Mode:

3h at 100% brightness
2h at 80% brightness
7h at 30% brightness

Motion Sensor Mode:

Sensing - 100% brightness
Idle Time - 60 seconds
Standb mode: 25% brightness

Wire Connector

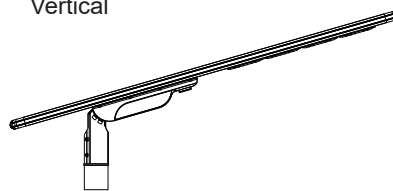
IP68 Waterproof Connector

Packing & Weight

Product Size : 1863*385*108MM (Luminaire)
: 560*310*125MM (Bracket Axle)
Packing Size : 1925*435*160MM (Luminaire)
: 620*370*140MM (Bracket Axle)
Net Weight : 8.5KG (Luminaire)
: 18KG (Bracket Axle)
Gross Weight : 11KG (Luminaire)
: 19.8KG (Bracket Axle)

Mounting Bracket Type

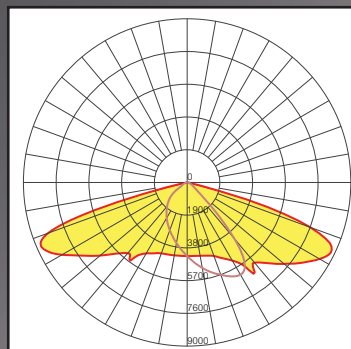
Vertical



Horizontal



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 18V 120W
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 12.8V 45AH
Lifetime : 5 Years

LED Lamp

Max Power : 100W
LED Chip : Bridgelux 3030
Chip Quantity : 192 PCS
System Efficacy : 170 lm/W
Total Lumen : 17,000 lm
Lifetime : 50,000 Hours
Light Distribution Type : 140° x 70°

Ingress Protection

IP65 Optical Compartment

Charge Time

By Sun : 8 Hours

Discharge Time

Full Power : > 15 hours
Half Power : > 30 hours

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 2700K - 6500K

Mounting Recommendation

Height : 6 - 9M
Distance : 20 - 30M

* Size and weight may have a tolerance of +/-10%

JKC-FX-120W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Motion Sensor Setting

Dimming can be done by dimming schedule or by motion sensor.

Dimming Schedule Mode:

3h at 100% brightness
2h at 80% brightness
7h at 30% brightness

Motion Sensor Mode:

Sensing - 100% brightness
Idle Time - 60 seconds
Standb mode: 25% brightness

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1563*385*108MM (Luminaire)
: 560*310*125MM (Bracket Axle)
Packing Size : 1925*435*160MM (Luminaire)
: 620*370*140MM (Bracket Axle)
Net Weight : 19.3KG (Luminaire)
: 12.5KG (Bracket Axle)
Gross Weight : 21.2KG (Luminaire)
: 13.2KG (Bracket Axle)

Mounting Bracket Type

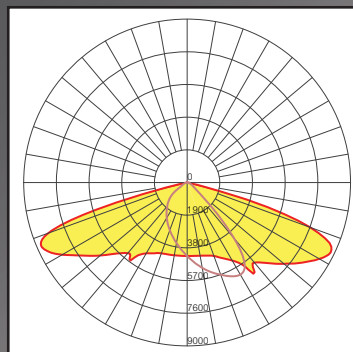
Vertical



Horizontal



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 18V 120W
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 12.8V 60AH
Lifetime : 5 Years

LED Lamp

Max Power : 120W
LED Chip : Bridgelux 3030
Chip Quantity : 192 PCS
System Efficacy : 170 lm/W
Total Lumen : 20,400 lm
Lifetime : 50,000 Hours
Light Distribution Type : 140° x 70°

Ingress Protection

IP65 Optical Compartment

Charge Time

By Sun : 8 Hours

Discharge Time

Full Power : > 15 hours
Half Power : > 30 hours

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 2700K - 6500K

Mounting Recommendation

Height : 7 - 10M
Distance : 23 - 34M

* Size and weight may have a tolerance of +/-10%

JKC-FX-150W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Motion Sensor Setting

Dimming can be done by dimming schedule or by motion sensor.

Dimming Schedule Mode:

3h at 100% brightness
2h at 80% brightness
7h at 30% brightness

Motion Sensor Mode:

Sensing - 100% brightness
Idle Time - 60 seconds
Standb mode: 25% brightness

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 2280*385*108MM (Luminaire)
: 560*310*125MM (Bracket Axle)
Packing Size : 2325*435*160MM (Luminaire)
: 620*370*140MM (Bracket Axle)
Net Weight : 22KG (Luminaire)
: 13.1KG (Bracket Axle)
Gross Weight : 24KG (Luminaire)
: 13.8KG (Bracket Axle)

Mounting Bracket Type

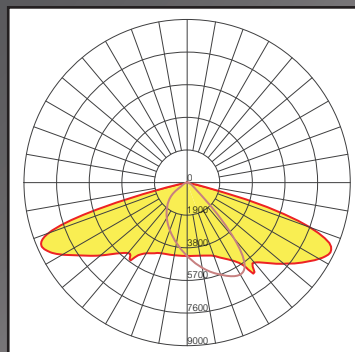
Vertical



Horizontal



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 18V 145W
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 12.8V 75AH
Lifetime : 5 Years

LED Lamp

Max Power : 150W
LED Chip : Bridgelux 3030
Chip Quantity : 288 PCS
System Efficacy : 170 lm/W
Total Lumen : 20,400 lm
Lifetime : 50,000 Hours
Light Distribution Type : 140° x 70°

Ingress Protection

IP65 Optical Compartment

Charge Time

By Sun : 8 Hours

Discharge Time

Full Power : > 15 hours
Half Power : > 30 hours

Working Temperature

Range : -25°C ~ +65°C

Colour Temperature

Range : 2700K - 6500K

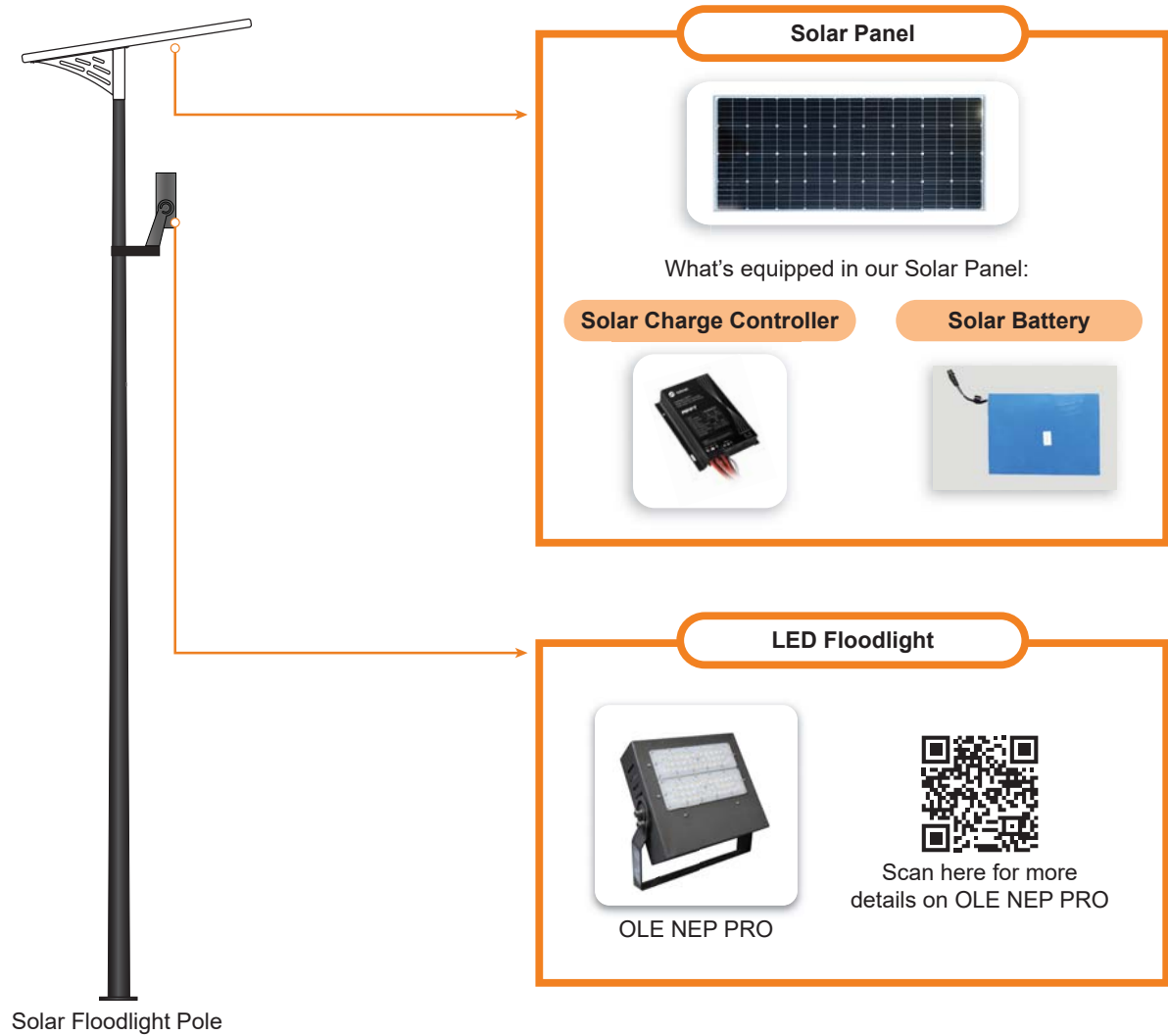
Mounting Recommendation

Height : 9 - 10M
Distance : 31 - 34M

* Size and weight may have a tolerance of +/-10%

OLE Solar Floodlight

Model	Solar Flood Light 60W LED	Solar Flood Light 80W LED	Solar Flood Light 100W LED	Solar Flood Light 120W LED	Solar Flood Light 150W LED	Solar Flood Light 180W LED
Output and Capacity	60W	80W	100W	120W	150W	180W
	OLE NEP PRO					
	3000K - 6500K					
	38 - 42V, Constant Current Output					
Solar PV Panel	Monocrystalline Silicon					
	36V					
2 autonomy days	135W	135W	210W	210W	310W	310W
3 autonomy days	135W	135W	210W	210W	310W	310W
Battery	Lithium Battery					
	25.6V					
2 autonomy days	60AH	60AH	90AH	90AH	120AH	135AH
	1536WH	1536WH	2304WH	2304WH	3072WH	3456WH
3 autonomy days	75AH	90AH	120AH	135AH	180AH	210AH
	1920WH	2304WH	3072WH	3456WH	4608WH	5376WH
Charging Capacity	4.5 hours					
Dimming Schedule	4H 100% + 2H 60% + 6H 40%					
Smart Control and Monitoring	Optional					



OLE Solar Bus Shelter

Model	LED T8 3 nos	LED T8 4 nos	LED T8 5 nos	LED T8 6 nos	LED T8 8 nos	LED T8 10nos
Output and Capacity	60W	80W	100W	120W	150W	180W
	T8 LED					
	3000K - 6500K					
	24VDC					
Solar PV Panel	Monocrystalline Silicon					
	36V					
2 autonomy days	135W	135W	210W	210W	310W	310W
3 autonomy days	135W	135W	210W	210W	310W	310W
Battery	Lithium Battery					
	25.6V					
2 autonomy days	60AH	60AH	90AH	90AH	120AH	135AH
	1536WH	1536WH	2304WH	2304WH	3072WH	3456WH
3 autonomy days	75AH	90AH	120AH	135AH	180AH	210AH
	1920WH	2304WH	3072WH	3456WH	4608WH	5376WH
Charging Capacity	4.5 hours					
Dimming Schedule	4H 100% + 2H 60% + 6H 40%					
Smart Control and Monitoring	Optional					
Number of Solar Panel needed for installation	1	1	1	1	1	1



Solar Panel



What's equipped in our Solar Panel:

Solar Charge Controller



Solar Battery



LED T8



MPPT SOLAR CHARGE CONTROLLER



SR - DM60 - R/ W

SR - DM120 - R/ W

SR - DM160 - R/ W

SR - DM200 - R/ W

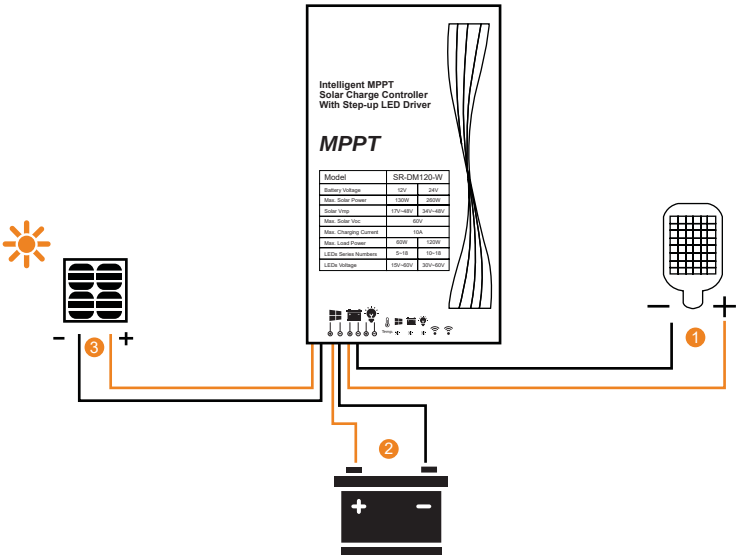
Specifications:

Items	Values				Adjust-able	Default
Model	DM60	DM120	DM160	DM200		
Controller type	-R: infrared remote control; -W: 2.4G wireless remote control					
System voltage	12V	12V/ 24V				Lead-acid
Static power consumption	-R type: ≤5mA	-R type: 6mA/ 12V; 4mA/ 24V		-R type: ≤10mA/ 12V; ≤ 5mA/ 24V		
	-W type: ≤20mA	-W type: 18mA/ 12V;13mA/ 24V		-W type: ≤25mA/ 12V; ≤15mA/ 24V		
Sleep power consumption	≤1 mA					
Load current	50mA ~ 3000mA	50mA ~ 4200mA	50mA ~ 5600mA	150mA ~ 7000mA	√	330mA
Load voltage	15V ~ 50V	15V ~ 60V		15V ~ 75V		
Maximum load power	60W/ 12V	60W/ 12V; 120W/ 24V 80W/ 12V; 160W/24V 100W/ 12V; 200W/ 24V				
Load conversion efficiency	85% - 96% (Typical efficiency 95%)					
Load current accuracy	≤ 3% ± 30mA					
Intelligent power	High, Moderate, Low, Auto, USE, No				√	Medium
Load working period	9 - Period + Pre-dawn lighting					
Period adjustment range	1min / 10min					
Power adjustment range	1% / 10%					
Maximum solar input power	130W/ 12V	130W/ 12V ; 260W/ 24V 200W/ 12V ; 400W/ 24V 260W/ 12V ; 520W/ 24V				
Maximum charge current	10A		15A	20A		
Maximum solar input voltage	≤50V	≤60V		≤100V		
MPPT Tracking efficiency	> 99%					
Charging conversion eff.	85% - 98% (Typical efficiency 97%)					

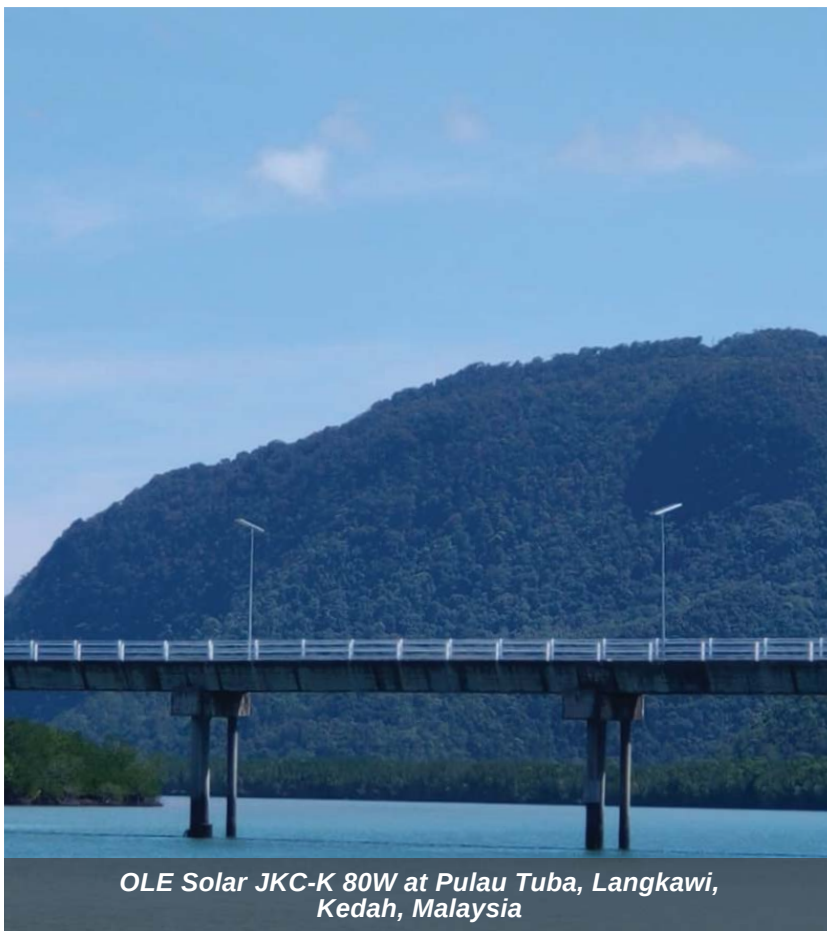


Parameter	Values				Adjust-able	Default
Over voltage	PB - 16.0V; LI - overcharge voltage + 2V; × 2, 24V system					16.0V
Limited charge voltage	PB - 15.5V; LI - overcharge voltage + 1V; × 2, 24V system					15.5V
Equalizing charge voltage	PB - 14.6V; LI - None; ×2,24V system					14.6V
Equalizing charge interval	30 days					30D
Boost charge voltage (lead-acid)	8.5V ~ 17.0V ; ×2, 24V system				√	14.4V
Charge voltage (lithium)						
Floating charge voltage (lead-acid)	8.5V ~ 17.0V ; ×2, 24V system				√	13.8V
Charge return voltage (lithium)						
Over discharge voltage	8.5V ~ 17.0V ; ×2,24V system				√	11.0V
Over discharge return voltage	8.5V ~ 17.0V ; ×2,24V system				√	12.5V
Temperature compensation coefficient	PB: -3.0mV/ °C/ 2V; lithium battery: no compensation					
Light control voltage	3V ~ 11V ; ×2, 24V system				√	5V
Light control delay	0S ~ 60S/ 2min ~ 60min				√	10S
High temperature charge	+40°C ~ +90°C				√	65°C
Low temperature charge	0°C ~ -35°C				√	-35°C
Operating temperature	-35°C ~ +65°C					
IP rating	IP67					
Protections	Battery reverse polarity protection, solar panel reverse polarity protection, solar panel over-voltage protection, lithium battery overcharge and overdischarge protection, lithium battery BMS overcharge detection protection, over temperature protection, load open circuit and short circuit protection,					
Weight	260g	400g	5100g	770g		
Controller dimensions (mm)	80*82*22.6	114*82.3*24.5	142*82.3*24.5	155*114.4*34		
Controller mounting dimensions (mm)	65.5*75	82.3*74	82.3*102	102*123		
Mounting hole diameter (mm)	Φ 3.5					

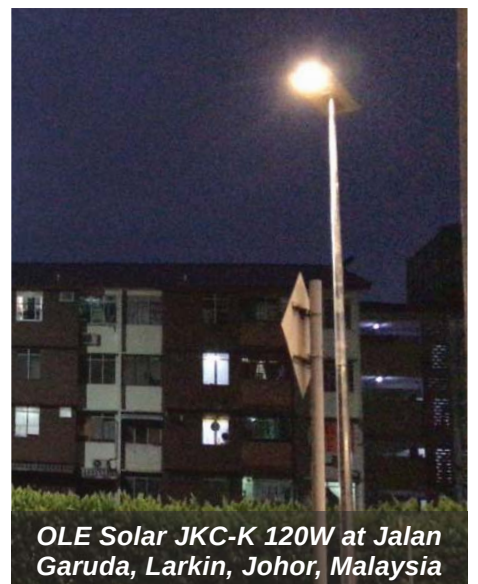
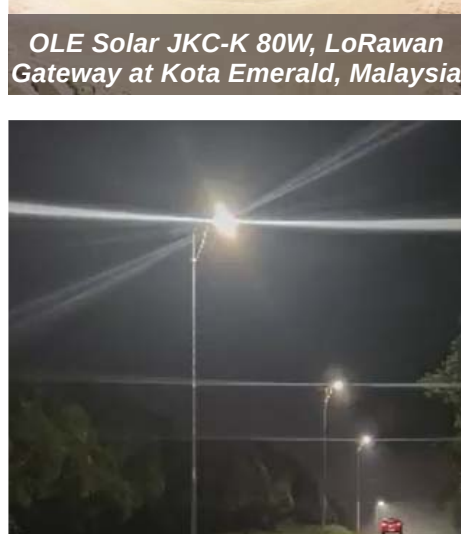
Wiring diagram of the controller



PROJECT REFERENCES



PROJECT REFERENCES



OVERSEA LIGHTING & ELECTRIC (M) SDN. BHD.
(272782-K)



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